

Claims

1. Method of making an electronic label comprising an electronic chip (1) provided with two contact strips (2, 3) and a conducting wire (4) intended to form an antenna, characterized in that

- the chip (1) is placed on a support piece so that the contact strips (2, 3) of said chip are situated on the side opposite to that in contact with the support piece,
- a conducting wire (4) is taken from a reel in such a way that at least one portion of this wire be positioned facing the two contact strips of the chip (1),
- the conducting wire (4) is welded in a single welding operation onto the two contact strips (2, 3).

2. Method of making an electronic label according to claim 1, characterized in that the portion of conducting wire (4) situated between the two contact strips (2, 3) of chip (1) is cut.

3. Method of making an electronic label comprising an electronic chip (1) provided with two contact strips (2, 3) and a conducting wire (4) intended to form an antenna, characterized in that

- the conducting wire (4) is cut into two segments,
- at least one portion of each of the two segments of the conducting wire is positioned facing a contact strip (2, 3) of the chip (1),
- the two segment portions are welded in a single welding operation onto the two contact strips (2, 3) of chip (1).

4. Method of making an electronic label according to one of the preceding claims, characterized in that the welding of the conducting wire or wires (4) onto the contact strips (2, 3) is done with a welding electrode (5) having at the end of its active portion a recess (6) that in its width essentially corresponds to the gap between the two contact strips (2, 3).

5. Method of making an electronic label according to one of the preceding claims, characterized in that the chip (1) provided with its antenna (4) is integrated between two sheets of a fibrous or plastic material.
- 5 6. Electronic label comprising a chip (1) and an antenna consisting of a conducting wire (4) welded onto the contact strips (2, 3) of chip (1), characterized in that it is made by the method that is object of one of the claims 1 to 4.
- 10 7. Welding electrode (5) for realizing the method of making according to one of claims 1 to 5, characterized in that at the end of its active portion it comprises a recess having dimensions essentially corresponding to the space between the two contact strips (2, 3) of chip (1).

SUMMARY

The invention concerns a method of making an electronic label comprising a chip (1) provided with two contact strips (2, 3) onto which a conducting wire (4) is welded in a single operation. The segment of conducting wire (4) forming the antenna is then cut between the two contact strips (2, 3) of chip (1). The group of chip and antenna thus realized may then be encapsulated between two sheets of a fibrous or plastic material.

(Figure 4)